

CLAIMS

What is claimed is:

1. A method for voicemail searching, the method comprising:

storing, in association with a voicemail message, a voiceprint of a caller;

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storing at least one caller speech tag in association with the voiceprint;

identifying, in dependence upon the voiceprint, a caller who leaves a  
voicemail message;

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receiving, from a particular voicemail user, at least one search keyword; and

selecting, in dependence upon the search keyword and the caller speech tag,  
one or more voicemail messages for the particular voicemail user.

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2. The method of claim 1 wherein storing a voiceprint further comprises  
prompting a caller for a predefined greeting for the voiceprint.

3. The method of claim 1 wherein storing a voiceprint further comprises  
extracting the voiceprint from voicemail.

4. The method of claim 1 wherein storing a caller speech tag further comprises  
prompting a voicemail user to enter a caller speech tag for the voiceprint.

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5. The method of claim 4 wherein prompting a voicemail user to enter a caller speech tag comprises:

accepting at least one spoken caller speech tag from the voicemail user; and

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converting the spoken caller speech tag to text.

6. A method for voicemail searching, the method comprising:

storing, in association with a voicemail message, caller identification data that identifies a caller;

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identifying, in dependence upon the caller identification data, a caller who leaves a new voicemail message;

receiving at least one search keyword from a particular voicemail user; and

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selecting, in dependence upon the search keyword and the caller identification data, one or more voicemail messages for the particular voicemail user.

7. A method for voicemail searching, the method comprising:

storing, in association with a voicemail message, message text converted from the voicemail message;

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receiving, from a particular voicemail user, at least one search keyword; and

selecting, in dependence upon the search keywords and the message text, one or more voicemail messages for the particular voicemail user.

8. A system for voicemail searching, the system comprising:
- means for storing, in association with a voicemail message, a voiceprint of a caller;
- 5 means for storing at least one caller speech tag in association with the voiceprint;
- 10 means for identifying, in dependence upon the voiceprint, a caller who leaves a voicemail message;
- means for receiving, from a particular voicemail user, at least one search keyword; and
- 15 means for selecting, in dependence upon the search keyword and the caller speech tag, one or more voicemail messages for the particular voicemail user.
9. The system of claim 8 wherein means for storing a voiceprint further comprises means for prompting a caller for a predefined greeting for the voiceprint.
10. The system of claim 8 wherein means for storing a voiceprint further comprises means for extracting the voiceprint from voicemail.
11. The system of claim 8 wherein means for storing a caller speech tag further comprises means for prompting a voicemail user to enter a caller speech tag for the voiceprint.

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12. The system of claim 11 wherein means for prompting a voicemail user to enter a caller speech tag comprises:

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means for accepting at least one spoken caller speech tag from the voicemail user; and

means for converting the spoken caller speech tag to text.

13. A system for voicemail searching, the system comprising:

means for storing, in association with a voicemail message, caller identification data that identifies a caller;

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means for identifying, in dependence upon the caller identification data, a caller who leaves a new voicemail message;

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means for receiving at least one search keyword from a particular voicemail user; and

means for selecting, in dependence upon the search keyword and the caller identification data, one or more voicemail messages for the particular voicemail user.

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14. A system for voicemail searching, the system comprising:

means for storing, in association with a voicemail message, message text

converted from the voicemail message;

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means for receiving, from a particular voicemail user, at least one search  
keyword; and

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means for selecting, in dependence upon the search keywords and the message  
text, one or more voicemail messages for the particular voicemail user.

15. A computer program product for voicemail searching, the computer program product comprising:
- 5 a recording medium;
- means, recorded on the recording medium, for storing, in association with a voicemail message, a voiceprint of a caller;
- 10 means, recorded on the recording medium, for storing at least one caller speech tag in association with the voiceprint;
- means, recorded on the recording medium, for identifying, in dependence upon the voiceprint, a caller who leaves a voicemail message;
- 15 means, recorded on the recording medium, for receiving, from a particular voicemail user, at least one search keyword; and
- means, recorded on the recording medium, for selecting, in dependence upon the search keyword and the caller speech tag, one or more voicemail messages
- 20 for the particular voicemail user.
16. The computer program product of claim 15 wherein means for storing a voiceprint further comprises means, recorded on the recording medium, for prompting a caller for a predefined greeting for the voiceprint.
17. The computer program product of claim 15 wherein means for storing a voiceprint further comprises means, recorded on the recording medium, for

extracting the voiceprint from voicemail.

18. The computer program product of claim 15 wherein means for storing a caller speech tag further comprises means, recorded on the recording medium, for prompting a voicemail user to enter a caller speech tag for the voiceprint.

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19. A computer program product for voicemail searching, the computer program product comprising:

a recording medium;

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means, recorded on the recording medium, for storing, in association with a voicemail message, caller identification data that identifies a caller;

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means, recorded on the recording medium, for identifying, in dependence upon the caller identification data, a caller who leaves a new voicemail message;

means, recorded on the recording medium, for receiving at least one search keyword from a particular voicemail user; and

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means, recorded on the recording medium, for selecting, in dependence upon the search keyword and the caller identification data, one or more voicemail messages for the particular voicemail user.

20. A computer program product for voicemail searching, the computer program product comprising:



a recording medium;

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means, recorded on the recording medium, for storing, in association with a voicemail message, message text converted from the voicemail message;

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means, recorded on the recording medium, for receiving, from a particular voicemail user, at least one search keyword; and

means, recorded on the recording medium, for selecting, in dependence upon the search keywords and the message text, one or more voicemail messages for the particular voicemail user.

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